C.B. Patel Computer College & J. N. M. Patel Science College

Programming Skills (204)

Practical Assignment based on C

No.	Program Definition
1.	WAP to make a Simple Calculator (**if else or switch case**) for +, - , / and * with functions for each operation. (Use proper category of function) Take choice from user.
2.	WAP to perform for the following Matrix Operations on m X n matrix: **A.** Add two Matrices **B.** Transpose of 1st Matrix **C.** Multiply 2 Matrices
3.	W.A.P to create a function to generate Fibonacci series using **recursion** void fibo(int n); E.g.: 0,1,1,2,3,5…….n.
4.	W.A.P to create a function to reverse a number using **recursion**.
5.	W.A.P to create a function to reverse a String using **recursion**.
6.	W.A.P to input **N** names from the user and sort them alphabetically.
7.	Define structure book with book_id, title, author, publisher, no_of_pages. Write a program in 'C' to read 5 records and print author-wise book information in proper format.
8.	Define a Structure Student with roll_no, stud_name, marks of 3 subjects, total, percent. W.A.P to read 5 records and print the result of student percent-wise. Only display students who are pass in all subjects.(Min marks-40)